



**Morgan's Point Collision
Air Monitoring and Analysis
Data Summary Report
March 10, 2015**

This report discusses data recorded from March 09, 2015 14:59 to March 10, 2015 05:00 in support of response operations conducted near La Porte, TX for the Morgan's Point Collision. Real-time air monitoring was conducted using hand-held instruments such as Gastec colorimetric detector tubes, and the RAE Systems Inc.® MultiRAE.

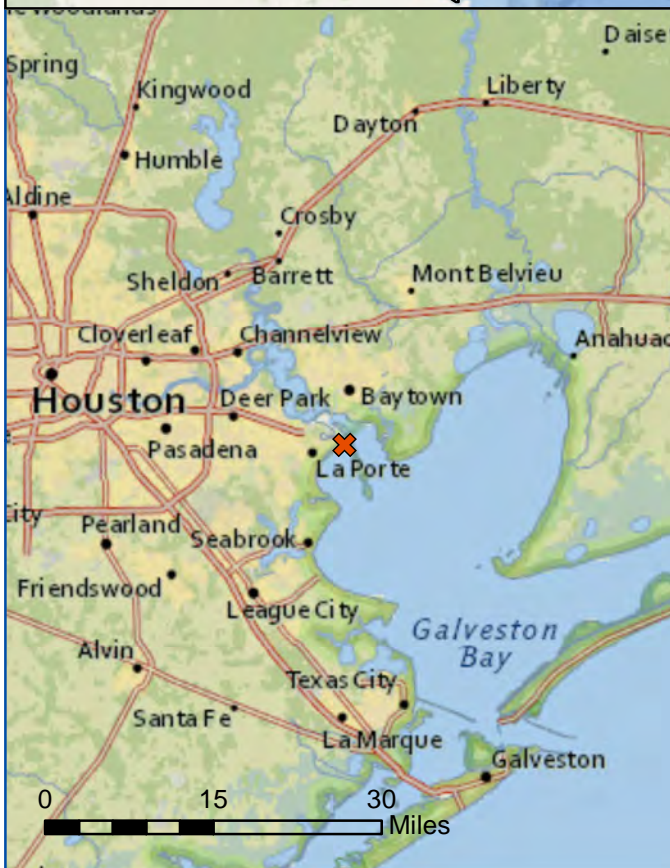
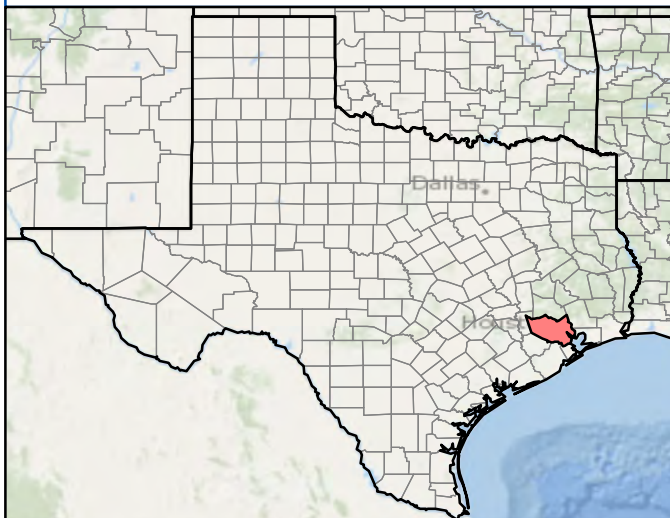
Monitoring levels were established for volatile organic compounds (VOC), percent of the lower explosive limit (LEL), and ethyl acetate. Monitoring levels are detailed in the CTEH Air Sampling and Analysis Plan (SAP). Monitoring results during this period are detailed in Table 1. Monitoring locations are represented in the map attachment packet. Results included in this report are considered preliminary, having not undergone the full QA/QC process.

Analytical air samples were collected during this period for analysis at Galson Laboratories of Syracuse, NY using United States Environmental Protection Agency (EPA) method TO-15. Sample locations are represented in the map attachment packet. Sample results will be released after laboratory analysis is completed.

Table 1:
Real-time Hand-held Monitoring Data
March 09, 2015 14:59 to March 10, 2015 05:00 hrs

Instrument	Analyte	Number of Readings	Number of Detections	Average of Detections	Range of Detections
Gastec 141L	Ethyl acetate	5	0	NA	< 5 ppm
MultiRAE	LEL	439	0	NA	< 1 %
	VOC	517	13	5.24 ppm	0.1 - 20 ppm

Site Maps



Legend

- Analytical Air Sample
- ✕ Incident Location

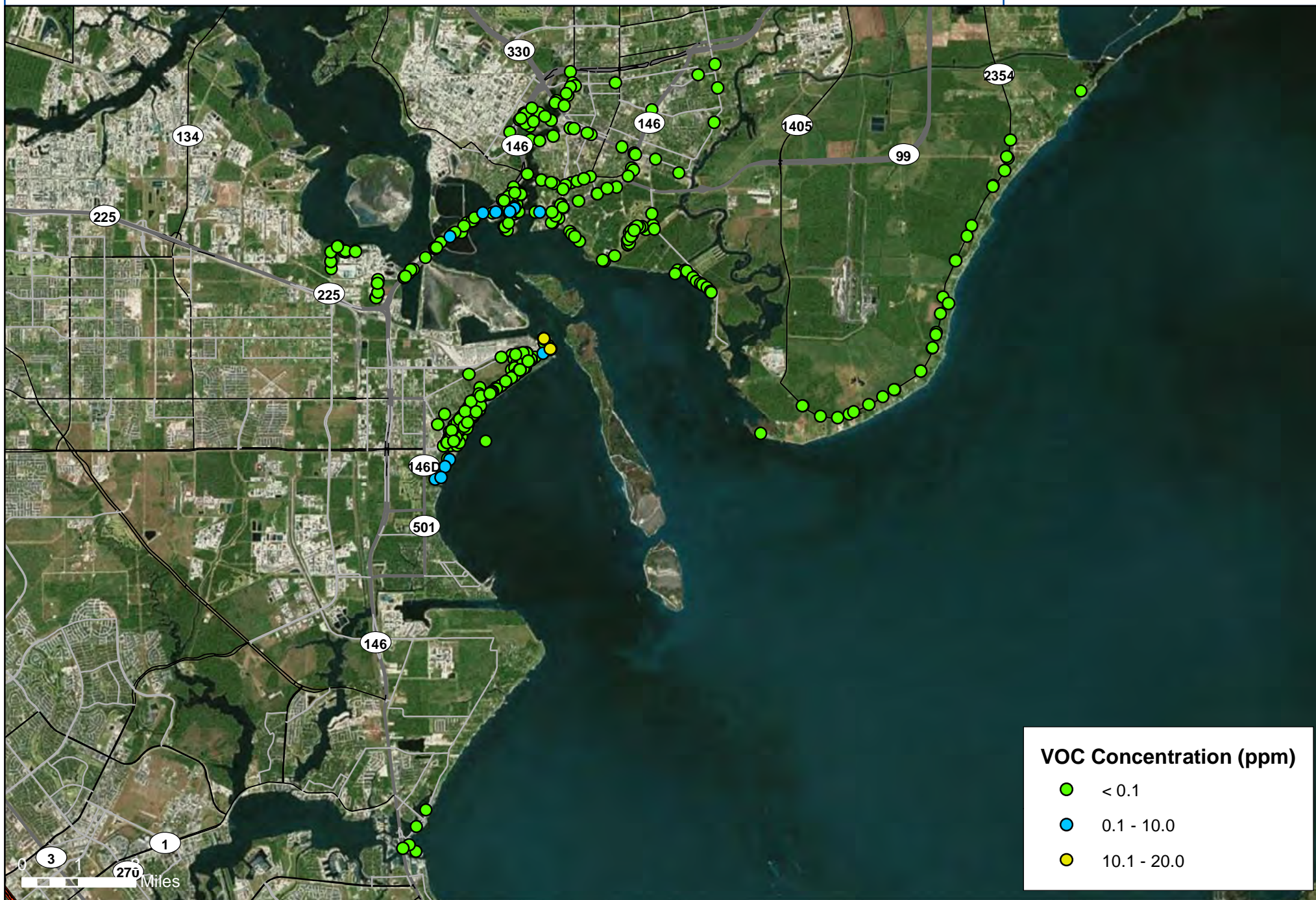


Hand-held Air Monitoring Locations

La Porte, TX - VOC

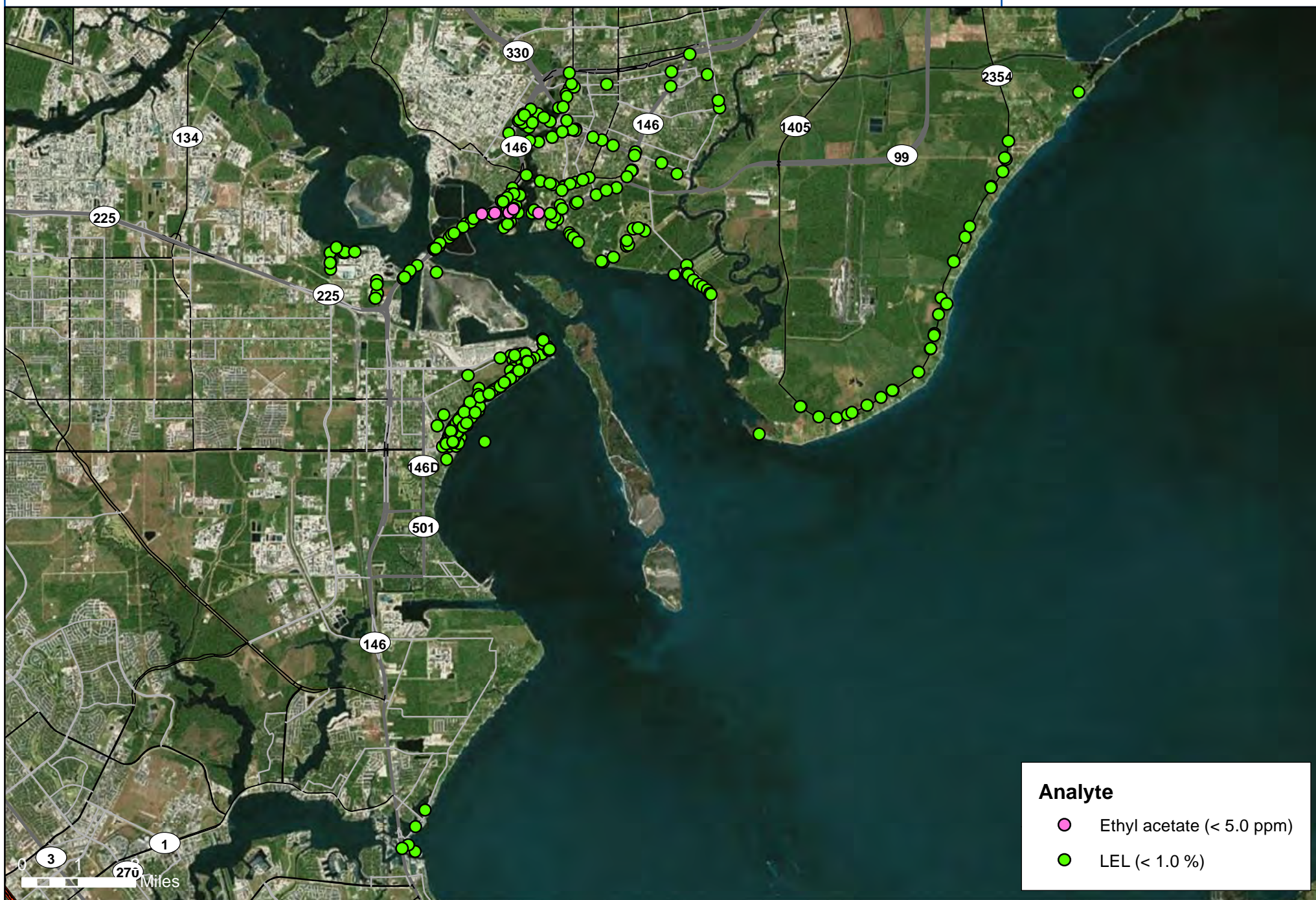


Project: 107085
Client: City of La Porte
City: La Porte, TX
County: Harris





VOC Concentration (ppm)

- < 0.1
- 0.1 - 10.0
- 10.1 - 20.0



Analyte

-  Ethyl acetate (< 5.0 ppm)
-  LEL (< 1.0 %)